

North Carolina Weather & Crops Report

Released April 18, 2016



CROP SUMMARY FOR THE WEEK ENDING APRIL 17, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.1	5.8	4.0	4.0

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	1	20	72	7
Subsoil Moisture	1	10	78	11
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg
PLANTED:				
Corn	46	21	36	41
PHENOLOGICAL:				
Corn % Emerged	12	n/a	n/a	11
Wheat % Headed	22	n/a	n/a	24

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	5	34	55	5
Oats	1	7	31	56	5
Pasture	2	12	39	41	6
Wheat	5	13	31	43	8
VP = Very Poor P = Poor F = Fair G = Good EX = Excellent					

We are into our second month of rainfall shortage. For March we were 3.0 inches below normal. So far in April we have not received any measurable rainfall. Producers are spreading lime and fertilizer on hay and pasture land and getting ready to plant corn and set burley tobacco.

Julia Houck – Ashe-Alleghany County Extension

Another dry week as the county received only a trace of rain. Temperatures were relatively mild with highs mainly in the 60's and lows predominately in the mid to upper 30's. There were a couple of frosty mornings as lows dipped into the lower 30's. At this point only minor frost freeze damage has been experienced, mainly in strawberries. Pasture and hay land is responding well to warmer temps and fertilizer applications.

Stanley Holloway - Yancey County Extension

We had hard freezes on April 6th and 9th. This may have hurt the wheat crop. With wheat very thin late planted and poor tilling could affect yields. **Gary Cross – Person County Extension**

Pastures and hay fields are still growing slowly. That combined with short supplies of hay is making it a challenge for farmers to find adequate forage supplies. Wheat is in good shape, with field prep work continuing for most other crops.

Paul Westfall – Granville County Extension

Had 2 freeze events this past week that really hurt fruits- blueberries, apples and peaches. Strawberries are coming on with picking already begun at most farms.

John Ivey – Guilford County Extension

Very dry conditions with very low humidity and winds are not good for crop growth. Livestock farmers are short of forage.

Carl Pless – Cabarrus County Extension

Cold nights has delayed tobacco transplanting. Corn planting has been slowed by recent weather.

Cathy Herring – Central Crops Research Station

Early tobacco transplanting was delayed due to threat of frost, but growers are planning to have a big day on the 18th. Strawberry crop is coming off and the crop looks good at this point.

Don Nicholson – Agronomist Region 7

Corn planting is underway. Cotton land is being prepared **Jarette Hurry – Bertie County Extension**

Pick your own strawberry fields just opened up this past weekend. Strawberry season is two weeks early this year. Tobacco growers will start planting next week in our area. Home garden folks are beginning to plant spring vegetables. Livestock producers are feeding little hay now since pastures are beginning to grow and green up. Only scattered frost this past week, hopefully we are done with frost protection on strawberries and other early blooming fruit crops in the area.

Joey Knight - Caswell County Extension

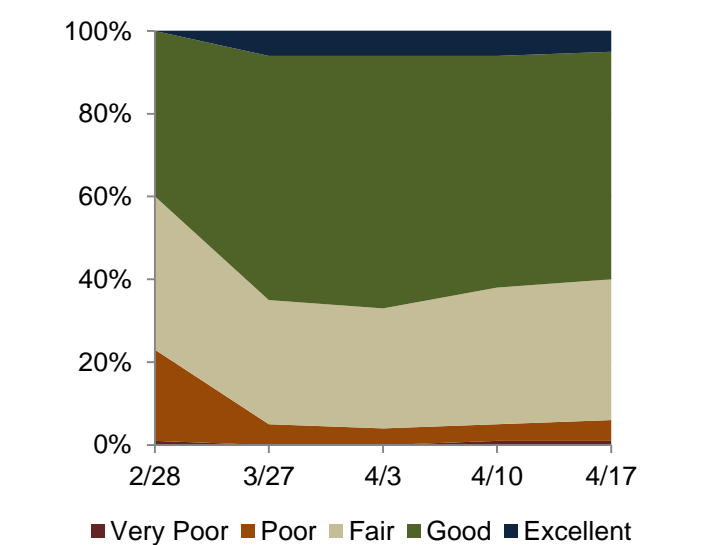
Damage to blueberry crop from the April 6th freeze - Non-irrigated blueberries sustained some damage. Irrigated blueberries sustained very little to no damage at many sites. April 10th proved to be somewhat warmer, and no additional damage was observed. Wheat is showing stress, especially late planted wheat. **Bruce McLean – Bladen County Extension**

Had some light frosts but nothing as damaging as the previous weeks. Still not sure on how hard crops were damaged but expect to see soon. Very little rain this week.

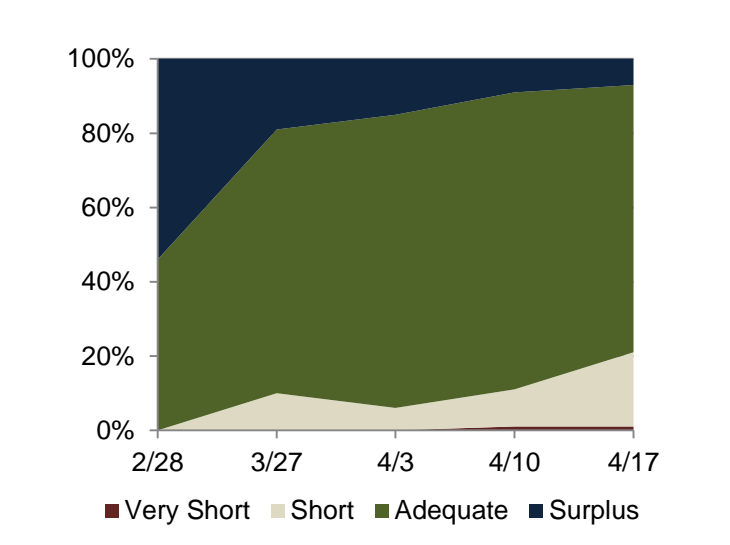
Danelle Cutting - Rowan County Extension

Farmers making great progress in planting corn. Tobacco transplanting will be all systems go this week. Have confirmed stripe rust and powdery mildew on wheat in the county. Do not anticipate any wheat growers putting anything more into this wheat crop for disease management. Cool nighttime temperatures continue to delay produce for local farmers markets. **Roy Thagard – Greene County Extension**

BARLEY CONDITION



TOPSOIL MOISTURE PERCENT



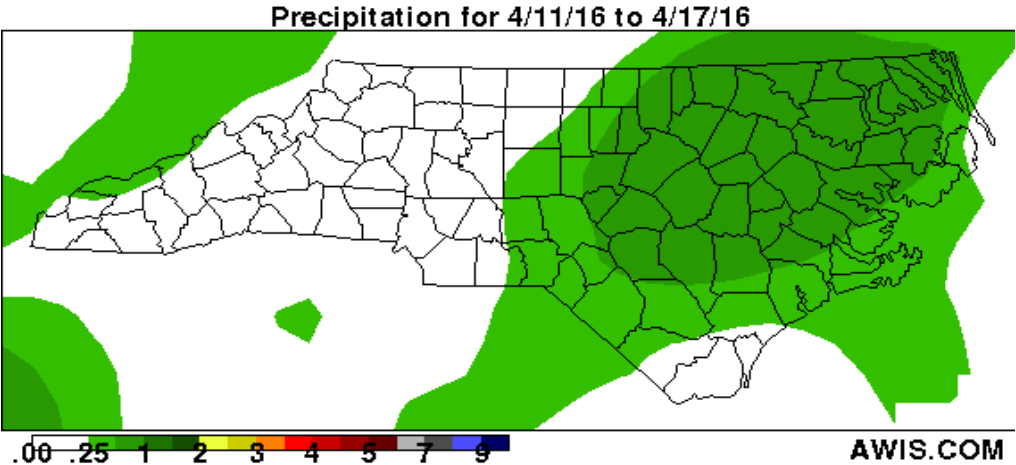
WEATHER SUMMARY FOR THE WEEK ENDING APRIL 17, 2016									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.34	-0.43	9.93	-4.57	73	37	55	-5	90
Asheville	0	-0.77	11.49	-3.1	69	35	53	-2	56
Burlington	0.28	-0.42	8.06	-5.33	74	37	55	-4	106
Charlotte	0.30	-0.34	8.71	-5.05	74	37	57	-4	130
Clayton	1.09	0.43	11.72	-2.15	73	35	52	-7	70
Clinton	0.67	-0.03	12.61	-1.41	74	39	54	-8	105
Dunn	0.47	-0.25	10.43	-3.93	75	39	57	-3	111
Elizabeth City	0.77	0.14	11.59	-2.57	73	42	53	-6	99
Fayetteville	0.81	0.11	10.33	-3.59	77	39	57	-4	151
Gastonia-Gaston	0.43	-0.2	8.01	-5.98	72	41	58	-2	131
Goldsboro	0.74	-0.03	13.33	-1.37	76	40	56	-7	131
Greensboro	0.12	-0.65	8.71	-3.81	73	39	56	-3	106
Greenville	1.13	0.43	14.96	1.09	76	38	56	-6	113
Hickory	0.12	-0.72	9.26	-6.02	72	39	55	-4	86
Jefferson	0	-0.9	11.28	-3.42	67	18	45	-5	17
Kinston	0.86	0.09	15.42	1.21	74	36	52	-8	96
Maxton	0.34	-0.29	8.63	-5.54	77	39	57	-5	143
Mount Airy	0.11	-0.73	11.60	-2.47	70	24	50	-4	47
New Bern	0.42	-0.35	15.45	0.33	75	38	55	-7	136
North Wilkesboro	0.15	-0.87	10.98	-4.89	73	27	51	-4	63
Oxford	0.76	0.09	10.69	-2.99	73	31	51	-6	71
Raleigh-Durham	0.85	0.22	12.11	-1.09	76	35	55	-5	112
Reidsville	0.10	-0.79	10.62	-3.8	72	27	52	-6	64
Roanoke Rapids	0.81	0.07	11.55	-2.08	74	33	52	-5	89
Robbinsville	0.13	-1.06	14.91	-8.57	76	27	54	-1	57
Rockingham	0.25	-0.41	8.15	-6.07	75	40	56	-4	133
Roxboro	0.38	-0.38	9.51	-4.61	75	26	51	-6	68
Southern Pines	0.35	-0.35	8.15	-6.67	75	36	55	-5	118
Statesville	0.15	-0.62	7.93	-5.99	69	26	50	-8	55
Tarboro	1.04	0.34	12.51	-1.37	74	30	52	-6	83
Vale	0.05	-0.69	8.91	-6.04	72	27	53	-7	70
Wallace	0.41	-0.27	16.98	2.66	74	30	54	-10	102
Washington	0.86	0.16	14.95	1.00	75	37	54	-6	118
Waynesville	0.17	-0.69	10.97	-5.78	71	30	52	0	41
Whiteville	0.10	-0.53	15.21	1.18	73	31	55	-8	121
Williamston	0.99	0.29	14.77	0.82	76	35	53	-7	94
Willimnton	0.14	-0.49	15.93	1.79	73	39	58	-6	178
Wilson	0.98	0.28	12.80	-1.21	75	39	55	-5	106
Winston Salem	0.15	-0.62	8.55	-3.97	72	39	55	-3	97

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.

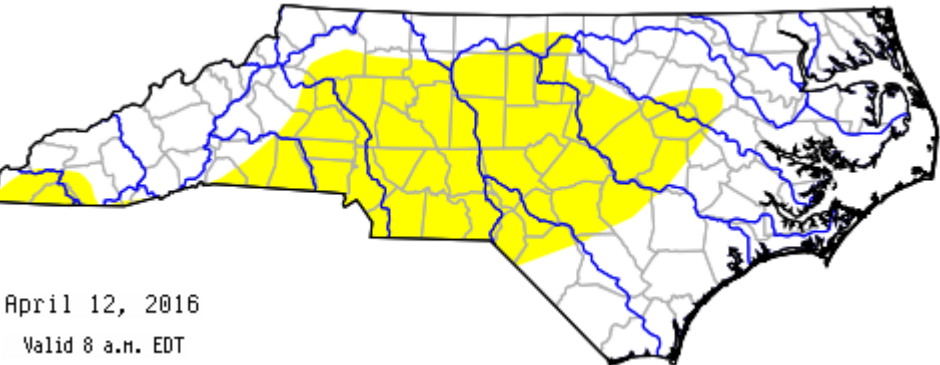


US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

- Drought Classifications**
- D0 - Abnormally Dry
 - D1 - Moderate Drought
 - D2 - Severe Drought
 - D3 - Extreme Drought
 - D4 - Exceptional Drought



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)